

**WHAT IS CLAIMED IS :**

1. A method for effect addition within a single multimedia clip, comprising:

5            importing a multimedia clip into a first data track, said multimedia clip including a video clip and an audio clip;

             assigning a specific time stamp and an effect duration, said specific time stamp being within the effect duration;

             dividing said multimedia clip according to said specific time stamp, wherein said video clip is divided into a first video clip before  
10            said specific time stamp and a second video clip after said specific time stamp;

             moving said second video clip to a second data track, wherein the beginning of said second video clip being at the specific time stamp  
15            in said second data track;

             generating a first extended video clip and a second extended video clip to form an overlap according to said effect duration, wherein said overlap being between said first extended video clip extended backward from the end of said first video clip and said second  
20            extended video clip extended forward from the beginning of said second video clip; and

             performing an effect addition, wherein said effect addition adding an effect within said overlap.

2. The method according to claim 1, wherein said audio clip is divided into a first audio clip and a second audio clip when said video clip is divided, and said second audio clip is moved to said second data track  
5 when said second video clip is moved.

3. The method according to claim 1, wherein said first extended video clip is extended by freezing frame according to the last frame of said first video clip.

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4. The method according to claim 1, wherein said second extended video clip is extended by freezing frame according to the first frame of said second video clip.

15 5. The method according to claim 1, wherein said first extended video clip is extended by duplicating video continuous frames and said first extended video clip is generated according to the portion of said second video clip within said overlap.

20 6. The method according to claim 1, wherein said second extended video clip is extended by duplicating video continuous frames and said second extended video clip is generated according to the portion of said first video clip within said overlap.

7. The method according to claim 1, wherein the best size of said first extended video clip and said second extended video clip are respectively half of said effect duration.

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8. The method according to claim 1, wherein said first extended video clip is extended by reversing and duplicating video continuous frames and said first extended video clip is generated according to the reverse of the portion of said first video clip within said overlap.

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9. The method according to claim 1, wherein said second extended video clip is extended by reversing and duplicating video continuous frames and said second extended video clip is generated according to the reverse of the portion of said second video clip within said overlap.

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10. The method according to claim 1, wherein said first extended video clip and said second extended video clip are separately produced by fading in and fading out a default color.

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11. A system for effect addition within a single multimedia clip, comprising:

a first data track for importing a multimedia clip including a video clip and an audio clip;

a second data track;

a dividing means for dividing said multimedia clip into a first video clip before a specific time stamp and a second video clip after said specific time stamp and moving said second video clip to said  
5 second data track;

an overlap generation means for extending a first extended video clip backward from the end of said first video clip and a second extended video clip forward from the beginning of said second video clip to form a overlap between said first extended video clip and said  
10 second extended video clip; and

an effect addition means for adding an effect within said overlap.

12. The system according to claim 11, wherein said dividing means  
15 divides said audio clip into a first audio clip and a second audio clip when said video clip is divided, and moves said second audio clip to said second data track when said second video clip is moved.

13. The system according to claim 11, wherein said first extended  
20 video clip is extended by freezing frame according to the last frame of said first video clip.

14. The system according to claim 11, wherein said overlap generation

means produces all frames of said second extended video clip by using the first frame of said second video clip.

5 15. The system according to claim 11, wherein said overlap generation means extends said first extended video clip by duplicating video continuous frames, and said first extended video clip is generated according to the portion of said second video clip within said overlap.

10 16. The system according to claim 11, wherein said overlap generation means extends said first extended video clip by reversing and duplicating video continuous frames and said first extended video clip is generated according to the reverse of the portion of said first video clip within said overlap.

15 17. The system according to claim 11, wherein said overlap generation means extends said second extended video clip by reversing and duplicating video continuous frames and said second extended video clip is generated according to the reverse of the portion of said second  
20 video clip within said overlap.

18. The system according to claim 11, wherein said overlap generation means extends said second extended video clip by reversing and

duplicating video continuous frames and said second extended video clip is generated according to the reverse of the portion of said second video clip within said overlap.

- 5    19. The system according to claim 11, wherein said overlap generation means produces said first extended video clip and said second extended video clip are separately produced by fading in and fading out a default color.
- 10   20. The system according to claim 11, wherein the best size of said first extended video clip and said second extended video clip are respectively half of said effect duration.